

CLAIMS:

1. A base station apparatus that transmits speech signals on a bearer channel and packets on a packet channel, comprising:

5        a channel type detector that detects whether a type of channel is the bearer channel or the packet channel for each session; and

         a delay adder that delays a packet transmitted on the packet channel when the detected type of channel is  
10       the packet channel.

2. The base station apparatus according to claim 1, further comprising a packet type detector that detects a type of packet, wherein the delay adder delays a predetermined  
15       type of packet.

3. The base station apparatus according to claim 2, further comprising a protocol detector that detects a protocol or a flag in an IP header, wherein the packet type detector  
20       detects the type of packet based on the protocol or the flag.

4. The base station apparatus according to claim 2, further comprising a generation period detector that detects a  
25       generation period of packet, wherein the packet type detector detects the type of packet based on a size relationship between an average value of the generation

period of packet and a predetermined threshold.

5. The base station apparatus according to claim 1, wherein  
the delay adder delays the packet transmitted on the packet  
5 channel only when execution of delay processing is  
instructed from an upper station that monitors an amount  
of transmitted data.

6. A transmission method of a base station apparatus that  
10 transmits speech signals on a bearer channel and packets  
on a packet channel, comprising the steps of:

detecting whether a type of channel is the bearer  
channel or the packet channel for each session; and

15 delaying a packet to be transmitted on the packet  
channel when the detected type of channel is the packet  
channel.